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“Right From The Start”

Silicon Carbide Grit #8 Mesh

Typical Physical Properties

Color	Black
Grain Shape	Angular
Magnetic Content	0.2 – 0.5 %
Hardness	9.5 Mohs
Specific Gravity	3.2
Bulk Density	96 lbs / ft ³

Proximate Chemical Analysis

SiC	98.58 %	Fe	0.11 %
C	0.05 %	Al	0.02 %
Si	0.80 %	CaO	0.03 %
SiO₂	0.30 %	MgO	0.05 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
5	0.0 %	0.0 %	0.0 %
7	0.0 %	20.0 %	19.7 %
10	70.0 %	100%	28.2 %
12	0.0 %	100.0 %	2.3 %
-12	0.0 %	3.0 %	0.1 %
8 (CONTROL³)	45.0 %	100 %	49.5 %
B. Density (g/cc)	1.51	1.61	1.57

Notes:

FEPA Standard (45-1986 and 42-1984)

¹ Specification for percentage retained on each screen size for given grade of product.

² Results of a recent batch.

³ Control screen for quick confirmation of product grade.